

Amendments to the Claims:

Please amend Claim 5, as shown below. This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Original) A planter unit comprising:
 - a seed dispensing tube for dispensing seeds, including an upper opening for receiving a seed and a lower opening for dispensing the seed;
 - a brush covering the lower opening; and
 - a granule tube connected to said seed dispensing tube at a location above the lower opening, for dispensing chemical granules into the seed dispensing tube,wherein said brush holds chemical granules within said seed dispensing tube such that chemical granules accumulate within said seed dispensing tube, and
wherein said brush allows a seed and accumulated chemical granules to pass through the lower opening when a seed is dispensed via said seed dispensing tube.

2. (Original) A planter unit according to Claim 1, wherein said seed dispensing tube further includes an overflow hole at a location above the lower opening to permit a predetermined amount of chemical granules to accumulate behind the brush, and to prevent chemical granules from building up within the seed dispensing tube.

3. (Original) A planter unit according to Claim 1, wherein said brush further comprises bristles, wherein each of said bristles has a diameter of .008 inches.
4. (Original) A planter unit according to Claim 1, wherein said brush is 1.5 inches long and .5 inches wide, and wherein said brush is mounted inside said seed dispensing tube.
- 5 (Currently Amended) A seed and chemical granule dispensing system comprising:
 - a seed hopper for storing seeds;
 - a granule storage hopper for storing chemical granules; and
 - a planter unit comprising a seed dispensing tube for dispensing seeds stored in said seed hopper, including an upper opening for receiving a seed and lower opening for dispensing the seed, a brush covering the lower opening, and a granule tube for dispensing chemical granules stored in said granule storage hopper into [[the]] said seed dispensing tube, connected to said seed dispensing tube at a location above the lower opening,
 - wherein said brush holds chemical granules within said seed dispensing tube such that chemical granules accumulate within said seed dispensing tube, and
 - wherein said brush allows a seed and accumulated chemical granules to pass through the lower opening when a seed is dispensed via said seed dispensing tube.
6. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed dispensing tube further comprises an overflow hole at a location above the lower opening to permit a predetermined amount of chemical granules to accumulate behind the brush, and to prevent chemical granules from building up within the seed dispensing tube.

7. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said brush further comprises bristles, wherein each of said bristles has a diameter of .008 inches.
8. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed hopper is an open container.
9. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed hopper is a closed container.
10. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said granule storage hopper is an open container.
11. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said granule storage hopper is a closed container.
12. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed hopper and said granule storage hopper comprise a combined two-chambered storage container.
13. (Original) A seed and chemical granule dispensing system according to Claim 12, wherein said combined two-chambered storage container is an open container.

14. (Original) A seed and chemical granule dispensing system according to Claim 12, wherein said combined two-chambered storage container is a closed container.
15. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed hopper further comprises a metering gate, wherein said metering gate allows one seed to enter said seed dispensing tube at a time.
16. (Original) A seed and chemical granule dispensing system according to Claim 15, wherein said metering gate is mechanically operated.
17. (Original) A seed and chemical granule dispensing system according to Claim 15, wherein said metering gate is electronically operated.
18. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said granule storage hopper is placed higher than said seed hopper.
19. (Original) A method of dispensing seeds and chemical granules, comprising the steps of:
dispensing chemical granules through a granule tube into a seed dispensing tube, wherein the granule tube is connected to the seed dispensing tube at a location above a lower opening of the seed dispensing tube, and wherein the lower opening of the seed dispensing tube is covered with a brush; and
dispensing a seed through the seed dispensing tube;

wherein the brush holds chemical granules within the seed dispensing tube such that chemical granules accumulate within the seed dispensing tube, and

wherein the brush allows a seed and accumulated chemical granules to pass through the lower opening when the seed is dispensed via the seed dispensing tube.

20. (Original) A method of dispensing seeds and chemical granules according to Claim 19, wherein one seed is dispensed through the seed dispensing tube at a time.

21. (Original) A method of dispensing seeds and chemical granules according to Claim 20, wherein the chemical granules are dispensed via the granule tube from a granule storage hopper.

22. (Original) A method of dispensing seeds and chemical granules according to Claim 20, wherein the seeds are dispensed via the seed dispensing tube from a seed hopper.